



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO37862	TWMM001-VU	6	1	Net 30	M6061T6T0.375W.058	6061-T6 Round Tube .375 X .058W : MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4083 OR ASTM B210 OR ASTM B241				100	11/3/2017	108		S006057	Stock	11/6/2017	\$ 2.15 / ft	0		\$232.20	TW Metals
Total:										100		108								\$232.20	

Status: Receiving

Part: **M6061T6T0.375W.0**

Created: 11/6/17 9:53 AM DART.PLOUFFE.SONIA



Serial No: **S006057**

Plex 11/6/2017 9:55 AM Dart.Plouffe.Sonia



O'Neal High-Performance Metals Group



**Packing  
Slip**

ORDER NO.: 70669364

FROM: ATLA

PAGE 1

CUST NUMBER: 1203820    NET WGT: 7.322    REQ.DATE: 10/09/17    CONFIRMED  
SOLD TO:    SHIP TO:  
DART AEROSPACE LTD    DART AEROSPACE LTD  
1270 ABERDEEN ST    1270 ABERDEEN ST  
HAWKESBURY ON    HAWKESBURY ON  
CANADA    CN K6A 1K7    ONTARIO CANADA    CN K6A 1K7

SALESPERSON: DONNA SMALLEY    SHIP BY: 10/04/17  
TERMS: NET 30 DAYS    VIA: COMMON CARRIER  
F.O.B.: SHIPPING POINT    FREIGHT: PREPAID  
CUST ORD NO.: PO37862    RELEASE NO.:  
RECEIVING PHONE:

LINE	ITEM DESCRIPTION	WIDTH	LENGTH
0001	41952 D6061-T6 3/8 OD X .058 WA		12 FT ML

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	100.000 FT ✓	108.000 FT	108.000 FT ✓	7.322	9 ✓

\*\* 1 TEST REPORTS REQUIRED \*\*  
\*\* 1 CERTS REQUIRED \*\*

ECCN: EAR99    Export License: NLR    Expiration Date: 0/00/00  
PO:49365705 HT: F002369670001    PC: 9    CUSTOMER QTY: UOM  
MLT:UNITED STATES    MFG:UNITED STATES    SLB/CL:F002369670001

BROKERS KUEHNE AND NAGEL LTD

AREA		TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH	HGHT
B1	REDDICRATE		1.000	30.000	4.0000	150.0000	4

BY:  
RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED \_\_\_\_\_

DATE FILLED \_\_\_\_\_

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE  
PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL  
REVIEW.  
<http://www.twmetals.com/invoice-terms.html>



O'Neal High-Performance Metals Group



**Packing  
Slip**

ORDER NO.: 70669364

FROM: ATLA

PAGE 2

CUST NUMBER: 1203820    NET WGT: 7.322    REQ.DATE: 10/09/17    CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD    DART AEROSPACE LTD  
1270 ABERDEEN ST    1270 ABERDEEN ST  
HAWKESBURY ON    HAWKESBURY ON  
CANADA    CN K6A 1K7    ONTARIO CANADA    CN K6A 1K7  
  
SALESPERSON: DONNA SMALLEY    SHIP BY: 10/04/17  
TERMS: NET 30 DAYS    175 TUBEWAY  
F.O.B.: SHIPPING POINT    FOREST PARK    GA 30297  
CUST ORD NO.: PO37862  
VIA: COMMON CARRIER  
FREIGHT: PREPAID  
RELEASE NO.:  
RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at [www.twmetals.com](http://www.twmetals.com). MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

**"CERTIFICATE OF CONFORMANCE"**

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk \_\_\_\_\_ Date: 10/04/17

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL REVIEW.  
<http://www.twmetals.com/invoice-terms.html>

# KAISER ALUMINUM FABRICATED PRODUCTS

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
6573 W. WILLIS ROAD  
CHANDLER, AZ 85226

CUSTOMER PO NUMBER: M49365705-1		CUSTOMER PART NUMBER: 41952		PRODUCT DESCRIPTION: Drawn Seamless Tube/Pipe	
KAISER ORDER NUMBER: 222704	LINE ITEM: 001	SHIP DATE: 04/03/2017	KAISER LOT NUMBER: F00236967	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 183.000 LB	QUANTITY: 226.000 PCS	B/L NUMBER: 224822	DIA/DAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO:  TW METALS INC 175 TUBEWAY FOREST PARK, GA 30298 USA			SOLD TO:  TW METALS INC 760 CONSTITUTION DRIVE SUITE 204 EXTON, PA 19341 USA		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00236967	0001	1	47.4	40.0	18.0	N/A	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

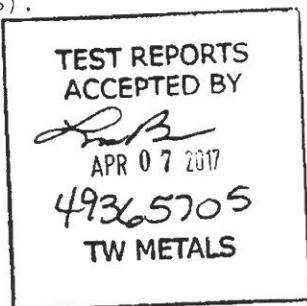
LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D30080	.60	.23	.23	.05	1.01	.09	.04	.03	.00	.00	.00	.01	.02

### Applicable Requirements:

Description: OD: 0.3750"; Wall: 0.0580"; Round @ DAS  
AMS4082P AMS-WW-T-700/6C ASTM B210-12  
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED.  
This Product Complies to FAR BAA, DFARS BAA, FAR TAA  
COMPLIES TO DIN EN 10204 JAN 2005  
No Weld Repair. Mercury Free.

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA  
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA (DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5 TRADE AGREEMENTS).



Plant Serial: 00024589  
Kaiser Order Number: 222704  
Line Item: 001

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
6573 W. WILLIS ROAD  
CHANDLER, AZ 85226

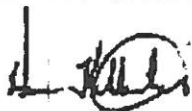
**CERTIFIED TEST REPORT**

<http://Online.KaiserAluminum.com>

**CERTIFICATION**

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager



TEST REPORTS  
ACCEPTED BY



APR 07 2017

TW METALS



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO37862

Purchase Order Date 9/25/2017

PO Print Date 9/25/2017

Page Number 1 of 4

Order From :  
TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

VU-TWM001

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

E-MAILED  
SEP 25 2017

Contact Name  
Vendor Phone 585 768 5600  
  
Ship To Contact  
Ship To Phone  
Ship Via: YRC COLLECT  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency USD  
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M2024T3T1.000W.065	2024T3 Tubing 1" OD x 0.65" Thick	10/6/2017 Yes 10/6/2017		36.00 f	\$7.50	\$270.00
AS PER MATERIAL 2024-T3 ROUND TUBING, MAT'L SPEC'S AMS-QQ-A-250/4							

Line Total: \$270.00

3	M304TR0.500W.035	304 RD Tube .500 x .035W	10/6/2017 Yes 10/6/2017		20.00 f	\$1.50	\$30.00
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MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING  
AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

88 17-10-18

Line Total: \$30.00

Note:

9/25/2017



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO37862

Purchase Order Date 9/25/2017

PO Print Date 9/25/2017

Page Number 2 of 4

**Order From :**

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

VU-TWM001

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 585 768 5600

**Ship To Contact**

**Ship To Phone**

**Ship Via:** YRC COLLECT

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

10127-2607

**Customer Tax #**

Net 30

**Terms**

**Currency**

USD

**FOB**

FCA - (Free Carrier)

4	M304TR0.500W.049	304 RD Tube .500 x .049W	10/6/2017 Yes 10/6/2017	20.00 f	\$2.80	\$56.00
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MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING  
AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

**Line Total:** \$56.00

5	M304TR0.750W.049	304 RD Tube .750 x .049W	10/6/2017 Yes 10/6/2017	160.00 f	\$2.10	\$336.00
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MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING  
AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

**Line Total:** \$336.00

6	M6061T6T0.3125W.058	ALUM TUBE .3125 x .058w	10/6/2017 Yes 10/6/2017	60.00 f	\$2.50	\$150.00
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MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING  
AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR  
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR  
ASTM B241

SPA-10-18

**Note:**

9/25/2017



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO37862**

Purchase Order Date 9/25/2017

PO Print Date 9/25/2017

Page Number 3 of 4

Order From :  
TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

VU-TWM001

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 585 768 5600  
  
Ship To Contact  
Ship To Phone  
Ship Via: YRC COLLECT  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency USD  
FOB FCA - (Free Carrier)

7 M6061T6T0.375W.058 6061-T6 RD Tube .375 x.058W 10/6/2017

Yes  
10/6/2017

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING  
AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR  
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR  
ASTM B241

Line Total: \$150.00

100.00

\$2.15 \$215.00

*Recu 108 ft*  
*SP 17 11-6*

Line Total: \$215.00

8 M6061T6T0.500W.058 6061-T6 RD Tube .500 x.058W 10/6/2017

Yes  
10/6/2017

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING  
AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR  
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR  
ASTM B241

100.00

\$1.75 \$175.00


*Recu 108x*  
*SP 17 10-18*

Line Total: \$175.00

Note:

9/25/2017





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

**PURCHASE ORDER**  
  
**Purchase Order ID PO37862**  
  
Purchase Order Date 9/25/2017  
PO Print Date 9/25/2017  
  
Page Number 4 of 4

<b>Order From :</b> TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 US	VU-TWM001	<b>Ship To :</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA
---	-----------	--

<b>Contact Name</b> <b>Vendor Phone</b> 585 768 5600  <b>Ship To Contact</b> <b>Ship To Phone</b> <b>Ship Via:</b> YRC COLLECT <b>Ship Acct:</b>	<b>Buyer</b> Chantal Lavoie <b>Customer POID</b> <b>Customer Tax #</b> 10127-2607 <b>Terms</b> Net 30 <b>Currency</b> USD <b>FOB</b> FCA - (Free Carrier)
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9	71401-45	PROCUREMENT QUALITY CLAUSES	10/6/2017	1.00	\$0.00	\$0.00
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Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

No  
10/6/2017

88A-10-18

**Line Total:** \$0.00

**PO Total:** \$1,232.00

CL

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T610.355W.053  
 DATE: 17-11-15

PO / BATCH NO.: 37362/S006057

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 128  
 QUANTITY INSPECTED: 128  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .053  
 THICKNESS RECEIVED: .053  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	ASTM B210-12
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	F00236967
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u> <u>9</u>		SIGNED OFF BY: _____	
DATE: <u>17-11-15</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

315 W. 053



PURCHASE MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING

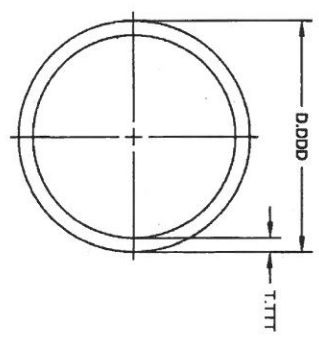
SPECIFICATION: WW-T-700/8  
OR QQ-A-200/8 OR QQ-A-225/8  
OR AMS-4086 OR AMS 4082 OR AMS 4083  
OR ASTM B210 OR ASTM B241

PART NUMBER: M6061T6T/D.DDD/WT.TTT

WHERE "D.DDD" = OD IN INCHES  
"T.TTT" = WALL THICKNESS  
OD | WALL

EG. 3/8" OD X 0.058 WALL = M6061T6T0.375W0.058

MATERIAL TOLERANCE: PER ANSI H35.2



RELEASED  
2013-07-02  
W.D.

C	COMPLETE REFORMAT, ADDED T6510 & T6511. ADDED AMS 4083, ASTM B210 & ASTM B241	AMS	13.06.12
B	ADDED MATERIAL TOLERANCE	CP	04.01.23
A	NEW ISSUE	DS	01.06.21
REV.	DESCRIPTION	BY	DATE
DESIGN	AMS		
DRAWN	AMS		
CHECKED	AMS		
MFG. APPR.	M6061T6T		
APPROVED	TITLE		
DE APPR.	6061-T6 TUBING		
DATE	13.06.12		

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8 7 6 5 4 3 2 1